WHAT IS CLAIMED IS:

1. An item locator system having both voice activation and voice responsive capabilities for location feedback to locate one or more specific items, which comprises:

a.) a support structure, for physically supporting said system at one or more locations, and functionally containing or connected to the following components:

b.) a continuous speech recognition digital signal processor (DSP);

c.) a programmable microprocessor interfaced with said speech recognition DSP;

d.) sufficient programming and circuitry

contained within said programmable microprocessor to provide for voice activation and voice recognition and response to provide item location to a user;

e.) voice input means connected to said speech recognition DSP;

f.) memory storage means connected to said programmable microprocessor for storage of operational inputs, control inputs, voice recognition vocabulary for storage of command match and execute functions;

g.) at least one user feedback unit and connection from said programmable microprocessor to said at least one

user feedback unit, said at least one user feedback unit adapted to provide feedback selected from the group consisting of audio feedback, visual feedback and combinations thereof, to a user in response to an item location query.

2. The system of claim 1 wherein said user feedback unit includes visual display means for viewing visual feedback in the form of text, or map or a combination thereof.

3. The system of claim 1 wherein said user feedback unit includes sufficient hardware and software to provide audio feedback to a user in response to recognizable voice input.

4. The system of claim 1 wherein said memory storage means further includes flash ROM storage and provides for remote diagnostics and system programming.

5. The system of claim 1 wherein said voice input means includes a microphone.

6. The system of claim 1 which further includes a secured manual control panel for input and management of item and location data into said system.

7. The system of claim 6 wherein said manual control panel further contains a keypad and menu for operation and programming options, a microphone, a screen for input and feedback display.

8. The system of claim 1 which additional components further includes an audio feedback component which includes audio feedback hardware and software adapter to audibly respond to recognizable voice input, including digital-to-analog conversion and an output speaker.

9. The system of claim 1 wherein said DSP includes a continuous speech recognition engine having a continuous speech signal recognizer and a continuous speech signal interpreter.

10. The system of claim 9 wherein said continuous speech recognition engine utilizes tokens of raw acoustic signals representing utterances or words and matches these against a set of models and then relies upon likelihood to select a most likely model to decode signals for interpretation.

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